



## **eSecurity Advisory Adobe Flash and AIR Vulnerabilities**

Critical vulnerabilities have been discovered in Adobe Flash Player and Adobe AIR which could allow attackers to take control of affected systems.

Adobe Flash Player and Adobe AIR are web browser plug-ins used when accessing certain web pages on the Internet. They also can be used in PDF documents, email attachments, and other files. Exploitation can occur if a user visits an infected web page, views an infected email, or opens an infected PDF document.

Successful exploitation could result in an attacker gaining the same privileges as the logged-on user. Depending on the privileges associated with the user account, an attacker could then install programs, view, change, or delete data, or create new accounts with full user rights. Failed exploit attempts may cause your computer to crash.

**Patches have been issued from Adobe for these vulnerabilities.**

### **SOFTWARE AFFECTED:**

- ◆ Adobe Flash Player 10.1.53.64 and earlier versions for Windows, Macintosh, Linux, and Solaris
- ◆ Adobe AIR 2.0.2.12610 and earlier versions for Windows, Macintosh, and Linux

To find the Adobe Flash Player version installed on your system, access the [About Flash Player page](http://www.adobe.com/products/flash/about/) (<http://www.adobe.com/products/flash/about/>). If you use multiple browsers, perform the check for each browser that you have installed on your system.

To verify the version of Adobe AIR installed on your system, follow the instructions in the [Adobe AIR TechNote](http://kb2.adobe.com/cps/407/kb407625.html) (<http://kb2.adobe.com/cps/407/kb407625.html>).

### **RECOMMENDATIONS:**

- ✓ **Adobe Flash Player**  
Adobe recommends all users of Adobe Flash Player 10.1.53.64 and earlier versions upgrade to the newest version 10.1.82.76 by downloading it from the [Adobe Flash Player Download Center](http://get.adobe.com/flashplayer/) (<http://get.adobe.com/flashplayer/>) or by installing it via the auto-update mechanism within the product when prompted.  
For users who cannot update to Flash Player 10.1.82.76, Adobe has developed a patched version of Flash Player 9, Flash Player 9.0.280, which can be downloaded from the [Adobe Website](http://www.adobe.com/go/kb406791) (<http://www.adobe.com/go/kb406791>).
- ✓ **Adobe AIR**  
Adobe recommends all users of Adobe AIR 2.0.2.12610 and earlier versions update to the newest version 2.0.3 by downloading it from the [Adobe AIR Download Center](http://get.adobe.com/air/) (<http://get.adobe.com/air/>).
- ✓ Do not visit un-trusted websites or follow links in emails provided by unknown or un-trusted sources.
- ✓ Ensure that all anti-virus software is up to date with the latest signatures.

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### **REFERENCE:**

**Adobe:**

<http://www.adobe.com/support/security/bulletins/apsb10-16.html>

<http://get.adobe.com/flashplayer/>

<http://get.adobe.com/air/>

**USCert:**

<http://www.us-cert.gov/cas/alerts/SA10-223A.html>